

# PLASTIC RESINS ESTIMATED TO BE IN MAINE'S MUNICIPAL SOLID WASTE (MSW) AND HOW THEY ARE MANAGED (1999 DATA IN TONS)

PLASTIC RESINS* (abbreviated and with SPI code)	TOTAL % (BY RESIN) OF PLASTICS IN MSW	SOURCES OF PLASTIC RESINS IN MAINE'S MSW										TOTAL TONS OF PLASTIC (BY RESIN) ESTIMATED IN MAINE'S MSW	MANAGEMENT METHOD					
		TOTAL TONS OF RESINS IN DURABLE GOODS **	RESINS' APPLICATIONS IN NONDURABLE GOODS **								(SUB)TOTAL OF RESINS IN NONDURABLE GOODS		RECYCLED		INCINERATED		LANDFILLED	
			Plastic Plates & Cups	Trash bags	All other nondurables	Plastic Containers & Packaging							TONS OF RESINS	% OF TONS	TONS OF RESINS	% OF TONS	TONS OF RESINS	% OF TONS
						Soft Drink Bottles	Milk & Water Bottles	Other Plastics Containers	Bags, Sacks, & Wraps	Other Plastics Packaging								
PETE (# 1)	10.1%	2,469			1,203	5,697		5,190		823	12,913	15,382	5,521	35.9%	6,597	42.9%	3,264	21.2%
HDPE (# 2)	22.1%	3,355		1,582	2,405	Neg.	4,368	8,798	4,241	9,052	30,446	33,801	4,410	13.0%	19,663	58.2%	9,728	28.8%
PVC (# 3)	6.0%	2,659			3,481			949	443	1,646	6,519	9,178	0	0.0%	6,140	66.9%	3,038	33.1%
LDPE and LLDPE (# 4)	24.9%	3,988	127	4,431	9,115			316	17,913	2,215	34,117	38,105	0	0.0%	25,492	66.9%	12,613	33.1%
PP (# 5)	16.3%	7,343	5,634		5,064			886	3,735	2,342	17,661	25,004	0	0.0%	16,728	66.9%	8,276	33.1%
PS (# 6)	5.8%	3,861			3,355			443	506	633	4,937	8,798	6	0.1%	5,882	66.9%	2,910	33.1%
OTHER (# 7)	14.9%	21,775			506			190	0	253	949	22,724	1,211	5.3%	14,392	63.3%	7,121	31.3%
TOTAL TONS	100.0%	45,450	5,761	6,013	25,129	5,697	4,368	16,772	26,838	16,964	107,542	152,992	11,148	7.3%	94,894	62.0%	46,950	30.7%
% OF TOTAL PLASTICS/RESINS (BY APPLICATION)***		29.7%	3.8%	3.9%	16.4%	3.7%	2.9%	11.0%	17.5%	11.1%	70.3%							

\* Polyethylene Terephthalate - PETE - # 1; High Density Polyethylene - HDPE - # 2; Polyvinyl Chloride - PVC - # 3;

Low/Low Linear Density Polyethylene - LDPE/LLDPE - # 4; Polypropylene - PP - # 5; Polystyrene - PS - # 6; Other - Other - # 7

\*\* Durable goods are products that have an expected use life of 3 years or more; Nondurable goods have an expected use life of less than 3 years

\*\*\* Includes 158 tons of PETE, 1683 tons of HDPE and 192 tons of 'Other' reported by public recycling programs

\*\*\*\*1999 US EPA Waste Characterization Study reports plastics make up 10.5 of the nation's MSW tonnage. In 1999, Maine's MSW tonnage was 1,457,060 tons, so plastics would be approximately 152,992 tons. In 1999, 66.9% of Maine's non-recycled MSW was disposed of in incinerators and 33.1% disposed of at landfills.